



World's No.1 DLP® Projector Expert

# HD73

Brings the World to Big Screen Lovers

## DCDi-powered cinema projector

HD73 offers a very unique combination of technologies and innovations, beginning with Texas Instruments cutting-edge WXGA DMD chip, Darkchip3™ technology plus Optoma proprietary engine design which offers super high contrast. And HD73 is driven by a faster DDP3020 control chip providing enhanced motion smoothness and BrilliantColor™ technology that results in true-to-life vivid color like never before. Furthermore, with a full 10-bit processing, and the world-famous Faroudja DCDi™ video processor, fueled by Optoma own TrueVivid™ technology, HD73 truly stands alone with unparalleled performances that transforms normal video images into rich 3D depth and higher definition cinema experiences

- 1100 lumens with 6000:1 contrast ratio in image AI™ mode
- Optoma proprietary TrueVivid™ color enhancement
- Faroudja DCDi™ video processing for 3:2 and 2:2 pull down
- HD compatibility 1080p and 720p
- Texas Instruments BrilliantColor™ technology
- Wide angle zoom lens
- Dual digital HD connectivity (DVI-I and HDMI)
- Light shield design and ultra-quiet operation



[www.optoma.com](http://www.optoma.com)

# HD73 | Home Theater Projector



## Image and color enhancement technologies



### BrilliantColor™ Technology

With the new advanced, 10-level BrilliantColor™ color-processing system, the projector delivers higher brightness and more vibrant scenes while providing truer, more stunning colors to the picture.



### TrueVivid™ Image Processing

With TrueVivid™ image processing, the picture quality is enhanced for veritable video fidelity, including better depth and deeper 3D look to any image.



### TrueVision™ Technology

TrueVision™ technology improves cross-coloring and eliminates jagged edges, allowing the projector to deliver cinema-like images with exceptional picture quality.

## Image AI™ Technology

### HIGH LUMENS ALONE



### HIGH CONTRAST ALONE



### ONLY ImageAI™ GIVES YOU BOTH!

#### HIGH 1100 LUMENS

for amazing clarity in light image areas...

#### HIGH 6000:1 CONTRAST

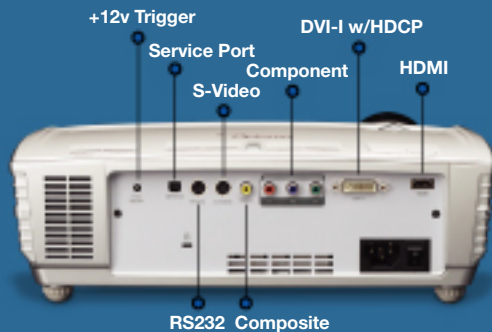
for details in dark areas and shadows

**Image AI™** "Image Artificial Intelligence", Optoma's auto adjusting light intensity output, delivers an amazing **1100 lumens AND 6000:1 contrast ratio!**



**Image Artificial Intelligence**  
auto adjusting light intensity output

## I/O Ports



## Dimensions



## PROJECTION DISTANCE/IMAGE SIZE

| Screen Size<br>16:10 (inch) | Max. Projection<br>Distance (meter) | Min. Projection<br>Distance (meter) |
|-----------------------------|-------------------------------------|-------------------------------------|
| 80                          | 2.72                                | 3.27                                |
| 90                          | 3.06                                | 3.68                                |
| 100                         | 3.40                                | 4.09                                |
| 120                         | 4.08                                | 4.91                                |

| Projection<br>Distance (feet) | Max. Diagonal<br>(inches) | Min. Diagonal<br>(inches) |
|-------------------------------|---------------------------|---------------------------|
| 2.5                           | 73.5                      | 61.1                      |
| 3                             | 88.2                      | 73.3                      |
| 4                             | 117.5                     | 97.7                      |
| 5                             | 146.9                     | 122.2                     |

## SPECIFICATIONS

|                               |   |
|-------------------------------|---|
| <b>Display Technology</b>     | Signal 0.65-inch DarkChip3™ DLP® technology by Texas Instruments  |
| <b>Brightness</b>             | 1100 lumens   |
| <b>Weight</b>                 | 7 pounds (3.2kg)  |
| <b>Resolution</b>             | Dual resolution support<br>1 WXGA (1280x768), native 2 720p (1280x720), native  |
| <b>Dimensions (WxHxD)</b>     | 13.56 x 3.72 x 9.67 inches (347 x 94 x 245 mm)  |
| <b>Contrast Ratio</b>         | 6000:1 in ImageAI™ mode and 4500:1 (full on/full off)   |
| <b>Noise Level</b>            | 27dB STD / 29dB BriteMode™  |
| <b>Lamp Type</b>              | 220W UHP  |
| <b>Lamp Life</b>              | 3000 hours STD / 2000 hours BriteMode™  |
| <b>Image Size (inch)</b>      | 36" - 323"  |
| <b>Projection Distance</b>    | 1m - 11m  |
| <b>Computer Compatibility</b> | SXGA+, WXGA, XGA, SVGA, VGA compression, VESA standards, PC & Macintosh compatible  |
| <b>Video Compatibility</b>    | HDTV (480p, 576p, 720p, 1080i/p), 480i, 576i, Full NTSC, NTSC4.43, PAL, PAL-M, PAL-N, SECAM, HDM (480i/p, 576i/p, 720p, 1080i/p), Computer capability up to SXGA+ |
| <b>Aspect Ratio</b>           | Native on 16:10 (WXGA 1280x768)<br>Native on 16:9 (HDTV 720p 1280x720) widescreen, 4:3 compatible   |
| <b>Projection Lens</b>        | F/2.5-2.8, f = 22.25-26.69mm<br>1.2x Manual focus/Digital zoom  |
| <b>Keystone Correction</b>    | Horizontal and Vertical ±15°  |
| <b>Throw Ratio</b>            | 1.58 to 1.90 (distance/width)   |
| <b>Vertical Refresh Rate</b>  | 43 to 120 Hz  |
| <b>Power Supply</b>           | 100-240 volts, 50-60 Hz   |
| <b>Power Consumption</b>      | 285 W+/-10% Full Power, <13W Standby Power  |
| <b>Operating Temperature</b>  | Operating: 5 - 35°C, 81% humidity (Max.)<br>Storage: -20 - 60° C, 80% humidity (Max.)   |
| <b>Displayable Colors</b>     | 10-bit per channel color processing   |
| <b>Projection Method</b>      | Front / rear / ceiling mount / table-top  |
| <b>Uniformity</b>             | 90%   |
| <b>I/O Connectors</b>         | HDMI, DVI-I w/HDCP, Component video (RCA), Composite video (RCA), S-Video, RS-232<br>Two IR receivers, Dual 12+12V trigger relays                                 |
| <b>Standard Accessories</b>   | Composite video cable, S-Video cable, Remote control, battery for remote, lenscap, User's Manual, quick start guide, warranty card, power cord                    |
| <b>Optional Accessories</b>   | Ceiling Mount Kit, carrying case  |

## AVAILABLE AT